

قالب پیشنهادی رزومه نامزدهای عضویت در هیات مدیره انجمن علمی

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Expert in Medical Genetics

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EDUCATION

- 2001 – 2006 PhD in Human Genetics
Ludwig Maximilian University of Munich (LMU), Germany
Date of Defense: 23.06.2006
Project Title: The Role of EFEMP1 Gene and Identification Of
Candidate Genes in Sporadic Breast Cancer
- 1995 – 2001 Master Of Science in Human Genetics
Ludwig Maximilian University of Munich (LMU), Germany
Project Title: Identification of Candidate Genes In Sporadic
Breast and Ovarian Cancer

POST GRADUATE TRAINING

- 2002 – 2009 Specialty In Human Genetic Diseases
Ludwig Maximilian University of Munich (LMU), MVZ
Germany, German Board of Medical Genetics, German
Society of Human Genetic (GFH)

POST DOCTORAL WORK

- 2010 – Now Expert Human Geneticist in Iranian Academic Centre For
Education, Culture and Research (ACECR), Mashhad.
- 2009 – Now Faculty member, Medical genetics department, School of Medicine,
Mashhad University Of Medical Sciences
- 2009 – Now Expert Human Geneticist In Ghaem Centre Of Education,
Research and Clinical Treatment.

PROFESSIONAL APPOINTMENTS

- 2016 – Now Deputy head of Medical genetics department, Mashhad University of
Medical Sciences
- 2010 – Now Technical Head of Diagnostic Genetic Laboratory In Iranian

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	Academic Centre for Education, Culture And Research (ACECR), Mashhad.
2010 – Now	Head Of Research Committee of Medical Genetics Research Center, Mashhad University of Medical Sciences.
2009 – Now	Technical Head of Diagnostic Genetic Laboratory in Ghaem Centre of Education, Research and Clinical Treatment.
2009 – 2016	Head of Molecular Genetic Laboratory In Genetics Department, Mashhad University of Medical Sciences

MEDICAL AND SCIENTIFIC SOCIETIES

2013 – Now	Member of International Stroke Genetics Consortium (ISGC).
2012 – Now	Member of Pre-Natal Diagnosis Board (PND) Of Iran.100
2010 – Now	Member of Founding Board Of Medical Genetics Research Center, Mashhad University of Medical Sciences.
2009 – Now	Member of Scientific Board of Genetic Department, Mashhad University Of Medical Sciences
2006 – Now	Member of Bavarian Research Cooperation of Human Genetics
2004 – Now	Member of German Society of Human Genetic (GFH)
2000 – 2004	Member of German Cancer Aid
2000 – 2012	Member of Human Genome Project

POST DOCTORIAL CONFERENCES

- 1-Medical Genetic Congress, 2014 North Khorasan University Of Medical Sciences, Bojnourd, Iran.
- 2-Human Genetic Counseling Congress, 2010, Academic Centre For Education, Culture And Research (ACECR), Mashhad, Iran.101
- 3-Nucleic Acid Extraction Workshop, 2011, Genetics Department, Mashhad University Of Medical Science, Mashhad, Iran.
- 4-Polymerase Chain Reaction (PCR) Workshop, 2011, Genetics Department, Mashhad University Of Medical Science, Mashhad, Iran.
- 5-PCR-RFLP Workshop, 2011, Genetics Department, Mashhad University Of Medical Science, Mashhad, Iran.
- 6-Bisulfite PCR Workshop, 2011, Genetics Department, Mashhad University Of Medical Science, Mashhad, Iran.
- 7-Sequencing Workshop, 2011, Genetics Department, Mashhad University Of Medical Science, Mashhad, Iran.
- 8-Application Of NGS In Genetics Workshop, 2014, Genetics Department, Mashhad University Of Medical Science, Mashhad, Iran

PUBLICATIONS

Books:

1-Pritchard, Dorian J, And Bruce R Korf. 2013. *Medical Genetics At A Glance*.
Translated By Ariane Sadr-Nabavi. Tehran: Andisherafi.

Articles In ISI Indexed Journals:

1. Jahanbin, Arezoo, Nadia Hasanzadeh, Faraneh Abdolhoseinpour, Ariane Sadr-Nabavi, Mohammad-Ali Raisolsadat, Khosro Shamsian, Farnaz Mohajertehran, And Hamidreza Kianifar. "Analysis Of MTHFR Gene C. 677C> T And C. 1298A> C Polymor-Phisms In Iranian Patients With Non-Syndromic Cleft Lip And Palate." *Iranian Journal Of Public Health* 43, No. 6 (2014): 821-827.
2. Pahang, H., M. Jalali, M. R. Nikraves, A. Sadr-Nabavi, And A. E. Bideskan. "Effects Of Vitamin C On Expression Of Renal Laminin-A5 In Offspring Of Nicotine-Treated Mice." *Research Opinions In Animal And Veterinary Sciences* 4, No. 7 (2014): 405-410.
3. Pahang, Hasan, Mohammad Reza Nikraves, Mehdi Jalali, Alireza Ebrahimzadeh Bideskan, Peyman Zargari, And Ariane Sadr Nabavi. "Fibronectin Regulation By Vitamin C Treatment In Kidneys Of Nicotinic Mice Offspring." *Iranian Red Crescent Medical Journal* 16, No. 7 (2014).
4. Sadr-Nabavi, Ariane, Mahtab Dastpak, Fatemeh Homaei-Shandiz, Ahmad Reza Bahrami, Hamid-Reza Bidkhor, And Mahmood Raeesolmohaddeseen. "Analysis Of Novel Mutations In BRCA1 In Iranian Families With Breast Cancer." *Hereditas* 151, No. 2-3 (2014): 38-42.103
5. Sadr-Nabavi, Ariane, And Morteza Saeidi. "Chromosome Duplication (14q) And The Genotype Phenotype Correlation." *International Journal Of Fertility & Sterility* 8, No. 1 (2014): 95.
6. Hami, Javad, Ariane Sadr-Nabavi, Mojtaba Sankian, Mehdi BalaliMood, And Hossein Haghir. "The Effects Of Maternal Diabetes On Expression Of Insulin-Like Growth Factor-1 And Insulin Receptors In Male Developing Rat Hippocampus." *Brain Structure And Function* 218, No. 1 (2013): 73-84.
7. Hami, Javad, Ariane Sadr-Nabavi, Mojtaba Sankian, And Hossein Haghir. "Sex Differences And Left-Right Asymmetries In Expression Of Insulin And Insulin-Like Growth Factor-1 Receptors In Developing Rat Hippocampus." *Brain Structure And Function* 217, No. 2 (2012): 293-302.
8. Alizadeh, Maryam, And Ariane Sadr-Nabavi. "Evaluation Of A Genetic Test For Diagnose Of Primary Hypolactasia In Northeast Of Iran (Khorasan)." *Iranian Journal Of Basic Medical Sciences* 15, No. 6 (2012): 1127.

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9. Bahreyni-Toossi, Mohammad Taghi, Reza Fardid, Abdolrahim Rezaee, Ariane Sadr-Nabavi, Houshang Rafatpanah, And Mohammad Bolbolian. "Expression Of Apoptotic Genes Can Distinguish Radiation Workers From Normal Population." International Journal Of Low Radiation 8, No. 5 (2011): 388-399.
10. [ABSTRACT] Sadr-Nabavi, Ariane. "Molecular Analysis Of LCT Gene In Association With Primary Hypolactasia In The Random Population Of Mashhad, Iran." Clinical Biochemistry 44, No. 13 (2011): S278
11. [ABSTRACT] Sadr-Nabavi, Ariane. "Genetic Analyses Of The Genes In Hereditary Spastic Paraplegia." Clinical Biochemistry 44, No. 13 (2011): S278.
12. Sadr-Nabavi, Ariane, Juliane Ramser, Juliane Volkmann, Joerg Naehrig, Frank Wiesmann, Beate Betz, Heide Hellebrand Et Al. "Decreased Expression Of Angiogenesis Antagonist EFEMP1 In Sporadic Breast Cancer Is Caused By Aberrant Promoter Methylation And Points To An Impact Of EFEMP1 As Molecular Biomarker." International Journal Of Cancer 124, No. 7 (2009): 1727-1735.
13. [ABSTRACT] Ramser, J., N. Harbeck, A. Sadr-Nabavi, J. Naehrig, R. Busch, M. Kiechle, And A. Meindl. "Down Regulation Of Angiogenesis Antagonist EFEMP1 Is Associated With Unfavourable Prognosis In Sporadic Breast Cancer Patients." European Journal Of Cancer Supplements 6, No. 7 (2008): 59-60.
14. [ABSTRACT] Rainser, J., X. Harbeck, A. Sadr-Nabavi, J. Naehrig, R. Busch, M. Kiechle-Bahat, And A. Meindl. "Down Regulation Of EFEMP1 Is Associated With Unfavourable Prognosis In Sporadic Breast Cancer Patients." In BREAST CANCER RESEARCH AND TREATMENT, Vol. 106, Pp. S65-S66. 233 SPRING STREET, NEW YORK, NY 10013 USA: SPRINGER, 2007.
15. Dahl, Edgar, Ariane Sadr-Nabavi, Eva Klopocki, Beate Betz, Susanne Grube, Rene Kreutzfeld, Marina Himmelfarb Et Al. "Systematic Identification And Molecular Characterization Of Genes Differentially Expressed In Breast And Ovarian Cancer." The Journal Of Pathology 205, No. 1 (2005): 21-28.105
16. Dahl E., Sadr-Nabavi A., Klopocki E., Betz B., Grube S., Kreutzfeld R., Himmelfarb M., Gelling S., Klamann I., Hinzmann B., Kristiansen G., Grützmann R., Kuner R., Petschke B., Rhiem K., Wiechen K., Sers C., Wiestler O., Schneider A., Höfler H., Nährig J., Dietel : Schäfer R., Rosenthal A, Schmutzler R., Dürst M., Niederacher D., Meindl A. "Hochdurchsatz-Identifizierung Und Molekularbiologische Charakterisierung Von Genen, Die Im Mammakarzinom Differentiell Exprimiert Werden". Onkologie 2004; 27(2):1-66
17. G. Bastert, H.G. Bender, M.W. Beckmann, H. Caffier, C. Crohns, J. Deininger, J. Dietl, N. Ditsch, W. Distler, L. Estevez-Schwarz, U.Hahn, H.

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Hepp, N. Herröder, V. Hübbel, C. Hüttner, C. Jackisch, W. Jonat, M. Kandler, K. Kast, M. Kaufmann, A. Kempe, M. Kiechle, Kreienberg, B. Kuschel, H. Luck, G. Von Minckwitz, C. Nestle-Krämling, B. Prieshof, K. Rensing, K. Rhiem, M. Schäffer, R.K. Schmutzler, U. Schwarz-Boeger, L. Straub, M. Untch, T. Volm; Arbeitsgruppe 'Humangenetik': C.R. Bartram, K. Bosse, I. Debatin, B. Fischer, U. Froster, D. Gadzicki, T. Goecke, T. Grimm, W. Grote, L. Harder, D. Horn, J. Horst, F. Kreuz, U. Langenbeck, T. Neumann, I. Nippert, P. Propping, D. Schäfer, B. Schlegelberger (Sprecherin), D. Schmidt, J. Schröder, R. Siebert, K. Sperling, S. Strenge, W. Vogel, T. Voigtländer, B. Welling; Arbeitsgruppe 'Molekulargenetik': J. Arnemann, B. Betz, K. Bandick, I. Bendig, B. Dworniczak, E. Eberhardt, W. Hofmann, K. Kast, R. Klaes, A. Kujat, A. Meindl, D. Niederacher, S. Preissler-Adams, Sadr-Nabavi A, S. Scherneck, R.K. Schmutzler, B. Wappenschmidt, B.H.F. Weber; Arbeitsgruppe 'Psychoonkologie': I. Bodnar, R. Dahlbender, H. Faller, D. Fuchs, K. Gebhardt, W.D. Gerber, A. Gonnermann, Ch. Von Dergroeben, P. Henningsen, S. Hoppe, J. Jordan, A. Rohde, A. Sundermeier, A. Vodermaier, U. Wagner. "Women's Experiences Of Undergoing BRCA1 And BRCA2 Testing: Organisation Of The German Hereditary Breast And Ovarian Cancer Consortium Survey And Preliminary Data From Münster". *Community Genet* 2003; 6:249–258. 106 18. [ABSTRACT] Sadr-Nabavi, A., M. Du, B. Betz, D. Schmidt, E. Dahl, S. Gelling, B. Hinzmann Et Al. "Characterization Of Differentially Expressed Candidate Genes Associated With Gynaecological Tumors." In *European Journal Of Human Genetics*, Vol. 10, Pp. 109-110. Macmillan Building, 4 Crinan St, London N1 9xw, England: Nature Publishing Group, 2002.

Articles In ISC Indexed Journals:

1. Zargari, Peyman, Mohammad Reza Ghasemi, Maryam Pirhousharian, Veda Vakili, Javad Hami, Mohammad Taghi Farzadfar, Payam SasanNejad, Mahmood Reza Azarpazhooh, And Ariane Sadr-Nabavi. 2014. "Renin-Angiotensin Polymorphism And The Risk Of Stroke." *Journal Of Cell And Molecular Research*.
2. Ashrafzadeh, Farah, Ariane Sadr-Nabavi, Nazanin Asadian, Javad Akhondian, And Mehran Beiraghi Toosi. "Spinal Muscular Atrophy: A Short Review Article." *International Journal Of Pediatrics* 2, No. 3.1 (2014): 211-215.
3. Hosseini Bereshneh, Ali, And Ariane Sadr-Nabavi. "Medical Genetics, Criteria Of Miscarriage And Ethical Challenges Of Genetic Tests." *Genetics In The 3rd Millennium* 12, No. 1 (2014): 3478-3487.
4. Gholami, Sara, And Ariane Sadr-Nabavi. "Genetic And Glycogen

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Storage Diseases." Zahedan Journal Of Research In Medical Sciences 15, No. 10 (2013): 7-11.

5. Ghasemi MR, Zargari P, Sadr-Nabavi A. New Gene Expression Analysis In Ischemic Stroke. 12th Iranian Genetic Congress.2012

6. Ghasemi MR, Zargari P, Pirhoshian M, Sasannezhad P, Azarpazhooh MR, Sadr-Nabavi A. New Association Of Angiotensin Converting Enzyme(ACE)I/D Polymorphism With Stroke. 12th Iranian Genetic Congress 2012.

7. Pirhoshian M, Ghasemi MR, Zargari P, Azarpazhooh MR, Sasan Nezhad P, Sadr-Nabavi A. Association Of Prothrombin Blood Coagulation Factor V And Tnfa Gene Polymorphism With Genetic Susceptibility To Stroke. 12th Iranian Genetic Congress 2012

8. Zargari P, Ghasemi MR, Pirhoshian M, Azarpazhooh MR, Sasan Nezhad P, Sadr-Nabavi A. Association Between Angiotensin II Type-1 Receptor (AT1R) Polymorphism And The Increased Risk Of Stroke. 12th Iranian Genetic Congress.2012.

Other Publications:

1. Sadr-Nabavi, Ariane; Hoffmann, Michael; Weilke, Christian; Sun, YuLi; Nevinny-Stickel-Hinzpeter, Claudia;. 2009. "Mutation Scanning Using High Resolution Melting Or Dhplc: A Performance Comparison Study." In Lightcycler® 4 Real-Time PCR Systems - Application Manual, 110-116.

RESEARCH PROJECTS

1. The Effect Of Induced Type-I Maternal Diabetes On Expression And Phosphorylation Levels Of PDK-1 And PTEN In Protein Kinase B (PKB/Akt) Signaling Pathway In Hippocampus Of Rat Neonates

2. Association Between Microrna-34a (Rs:369892834) And Microrna-106b (Rs:367795589) Gene Polymorphisms And Stroke.

3. Association Between Mir-125a And Mir30c Gene Polymorphisms And Ischemic Stroke; A Case Control Study.

4. Association Study On Snps Of PPAP2B, ZC3HC1 And ADAMTS7 Genes With Stroke And Myocardial Infarction.

5. The Effect Of Induced Type-I Maternal Diabetes On Expression And Phosphorylation Levels Of Some Molecules Involved In Protein Kinase B (PKB/Akt) Signaling Pathway In Hippocampus Of Rat Neonates.

6. Prevalence Of Mutations Associated With Spinal Muscular Atrophy And Their Correlation With Clinical Manifestations.

7. The Association Study Of AGT, PDE4D And IL-10 Polymorphisms In Human

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Stroke And Healthy Peoples

8. Gene Expression Analysis Of Efemp1 ,TIMP3, STAT1,Foxo3, ,Ywhaq ,EPAS11 , CXCR4 ARNT2 And Ngb, EP300 In Ischemic Stroke Rat
9. Design And Implementation Of Database And Software For Genetic And Clinical Data For Stroke Patients In Khorasan Razavi.114
10. The Association Study Of APOE, IL6, ACE And Enos Polymorphisms In Human Stroke.
11. Analyze Of Polymorphisms Of Coagulation Factor 2&5, Methyltetrahydrofolate Reductase, Plasminogen Activator Inhibitor And Tumor Necrosis Factor-A In Patients With Stroke Problem.
12. Mutation Scanning Of All 24 Exons From BRCA1 Gen In Women With Familial And Hereditary Breast And Ovarian Cancer.
13. Analyze Of Polymorphisms Of Paraoxonase, Coagulation Factor 13,Platelet Glycoprotein lib, B2 Adrenergic Receptor And Angiotensin II Receptor Genes In Patients With Stroke Problem
14. Analyze Of T-13910C Polymorphism In The LCT Gene In Patients With Hypolactasia.
15. Mutation Study Of The SPG4 Gene In Patients With Hereditary Spastic Paraplegia (HSP).

PERSONAL DATA

DATE OF BIRTH:

- July 3, 1975

PLACE OF BIRTH

- Frankfort, Germany

LANGUAGES

- Persian, German, English